

## ABSTRACT OF THE DISCLOSURE

In the equation for obtaining the number of increase or decrease bits  $Z_{ij}$  on each channel for each frame defined in the specification TS25.212 Ver.3.1.0 of 3GPP that is a standard organization of the 3rd generation digital mobile communication,  $N_{dataj}$  is multiplied by a calculation result of  $R_{Mm} \cdot N_{mj} / R_{Mm} \cdot N_{mj}$ . According to a rate matching calculation method of the present invention, the correction value  $1/N_{dataj}$  is added in order to prevent the added whole value of the equation from exceeding 1 when  $N_{dataj}$  is multiplied.